

### Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.:

#### Listing of claims:

1. (Currently amended) A method for producing lightweight concrete composition, comprising:  
~~wherein foamed plastic balls or particles obtained by grinding foamed plastic waste material into foamed plastic particles;~~  
~~are mixed with cement, characterized by that~~ mixing ~~the plastic particles are mixed with~~ water, soda soluble glass and polyvinyl acetate ; and  
mixing cement into ~~to~~ the mixture, wherein the mixing the cement is batched in two stages.
2. (Currently amended) The method as claimed in Claim 1, ~~wherein~~ further comprising:  
first preparing a cement slurry ~~is prepared first in the~~ a mixer with the known aggregates;; and  
then adding the plastic particles ~~are added~~ to this slurry.
3. (Currently amended) The method as claimed in Claim 1, ~~wherein~~ further comprising:  
pouring the mixture of cement slurry and the aggregates ~~is poured~~ into a mold; and  
then ~~is pressed~~ pressing the mixture to a-65-70% of its original volume.
4. (Currently amended) The method as claimed in Claim 2, ~~wherein~~ further comprising:  
pouring the mixture of cement slurry and the aggregates ~~is poured~~ into a mold; and  
then ~~is pressed~~ pressing the mixture to a-65-70% of its original volume.
5. (Currently amended) The method as claimed in Claim 1, ~~wherein~~ further comprising:  
pouring the cement mixture into a mold having walls;

after drying, cutting off the surfaces adjoining the mold walls ~~are cut off~~; and  
manufacturing a construction material of homogenous strength ~~is manufactured~~ by  
sawing, milling and drilling to provide optional forms of the ~~constructed~~ construction material.

6. (Currently amended) The method as claimed in Claim 2, wherein the mold has walls, the method further comprising:

after drying, cutting off the surfaces adjoining the mold walls ~~are cut off~~; and  
manufacturing a construction material of homogenous strength ~~is manufactured~~ by  
sawing, milling and drilling to provide optional forms of the ~~constructed~~ construction material.

7. (Currently amended) The method as claimed in Claim 3, wherein the mold has walls, the method further comprising:

after drying, cutting off the surfaces adjoining the mold walls ~~are cut off~~; and  
manufacturing a construction material of homogenous strength ~~is manufactured~~ by  
sawing, milling and drilling to provide optional forms of the ~~constructed~~ construction material.

8. (Currently amended) The method as claimed in Claim 1, ~~wherein~~ further comprising:

sawing the increased strength lightweight concrete ~~is sawn~~ into heat insulating panels.

9. (Currently amended) The method as claimed in Claim 2, ~~wherein~~ further comprising:

sawing the increased strength lightweight concrete ~~is sawn~~ into heat insulating panels.

10. (Currently amended) The method of Claim 3, ~~wherein~~ further comprising:  
sawing the increased strength lightweight concrete ~~is sawn~~ into heat insulating panels.

11. (Currently amended) The method of Claim 5, ~~wherein~~ further comprising:  
sawing the increased strength lightweight concrete ~~is sawn~~ into heat insulating panels.

12. (Currently amended) The method as claimed in Claim 5, wherein the cutting and sawing of the construction material is provided by moving an endless a coarse steel wire in a

longitudinal and transverse direction of the workpiece

13. (Currently amended) The method as claimed in Claims 8, wherein the cutting and sawing of the construction material is provided by moving ~~an endless~~ a coarse steel wire in a longitudinal and transverse direction of the workpiece

14. (Currently amended) The method as claimed in Claim 5, ~~wherein~~ further comprising:

forming the construction material ~~is formed~~ as blocks having holes in them; ~~and~~  
joining the ~~form~~ blocks ~~joined~~ to each other by tongue-and-groove connection; ~~and~~  
thereafter, filling the holes within the form blocks ~~are filled~~ with concrete ~~and with this,~~  
~~the form blocks are used as to produce~~ formwork blocks for use as ~~of~~ different performance walls and floors.

15. (Currently amended) The method as claimed in Claim 8, ~~wherein~~ further comprising:

forming the construction material ~~is formed~~ as blocks having holes in them; ~~and~~  
joining the ~~form~~ blocks ~~joined~~ to each other by tongue-and-groove connection; ~~and~~  
thereafter, filling the holes within the form blocks ~~are filled~~ with concrete ~~and with this,~~  
~~the form blocks are used as to produce~~ formwork blocks for use as ~~of~~ different performance walls and floors.

16. (Currently amended) The method as claimed in Claim 12, ~~wherein~~ further comprising:

forming the construction material ~~is formed~~ as blocks having holes in them; ~~and~~  
joining the ~~form~~ blocks ~~joined~~ to each other by tongue-and-groove connection; ~~and~~  
thereafter, filling the holes within the form blocks ~~are filled~~ with concrete ~~and with this,~~  
~~the form blocks are used as to produce~~ formwork blocks for use as ~~of~~ different performance walls and floors.

17. (Currently amended) The method as claimed in Claim 16, ~~wherein~~ further comprising, before filling with concrete, inserting reinforcing steel rods ~~are inserted~~ into the holes of the form blocks.